



STATEMENT OF ENERGY PERFORMANCE

Caywood Elementary

Building ID: 1162857

For 12-month Period Ending: August 31, 2008¹

Date SEP becomes ineligible: December 29, 2008

Date SEP Generated: October 03, 2008

Facility

Caywood Elementary
3300 Turkeyfoot Road
Crestview Hills KY 41017

Facility Owner

Kenton County School District
1055 Eaton Dr.
Ft. Wright KY 41017
859-344-8888

Primary Contact for this Facility

Chris Baker
1055 Eaton Dr.
Ft. Wright KY 41017
859-344-8888
chris.baker@kenton.kyschools.us

Year Built: 2005

Gross Building Area (ft²): 77,988Energy Performance Rating² (1-100) 92**Facility Space Use Summary**

Space Type	Area(ft ²)	Number of Students	Number of PCs	Cooling Percent
K-12 School	77,988	600	170	100
Parking	130,000	N/A	N/A	N/A

Site Energy Use Summary

Natural Gas (kBtu) ³	218,294
Electricity (kBtu)	2,738,274
Total Energy (kBtu)	2,956,568

Energy Intensity⁴

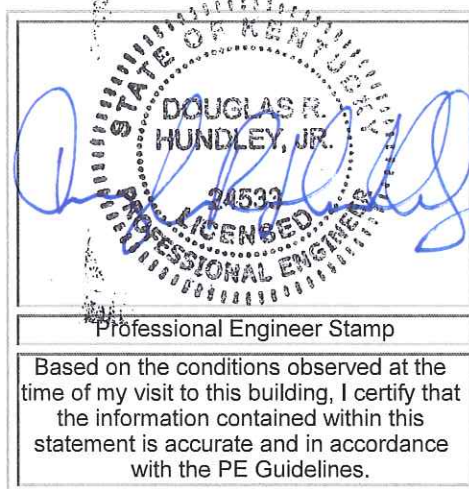
Site (kBtu/ft ² /yr)	38
Source (kBtu/ft ² /yr)	120

Emissions (based on site energy use)

CO ₂ (tons/yr)	658
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National Average Comparison

National Average Source EUI	187
National Average Site EUI	59
% Difference from Average	36% Below Average
Building Type	K-12 School

**Indoor Environment Criteria⁵**

Indoor air pollutants controlled?	Yes
Adequate ventilation provided?	Yes
Thermal conditions met?	Yes
Adequate illumination provided?	Yes

Professional Engineer

License Number: 24533
State: KY
Doug Hundley
10101 Linn Station Road
Louisville KY 41017
502-326-3085

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on meeting ASHRAE Standard 62-1999 for indoor air quality, ASHRAE Standard 55-1992 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

